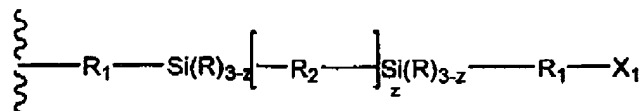


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In the claims:

1. (Canceled)

2. (Currently Amended) A composite article comprising a polyolefin layer, a tie-layer, and a non-polyolefin. The composite article of claim 1, wherein said tie-layer comprises:



wherein ~~~~ represents a polyolefin segment;

R<sub>1</sub> independently for each occurrence represents an organic ~~or inorganic moiety~~ or a bond;

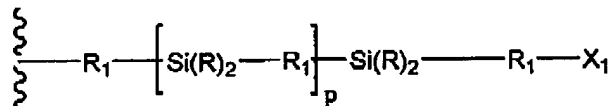
R<sub>2</sub> independently for each occurrence represents an organic moiety, ~~an inorganic moiety~~, or a bond;

R independently for each occurrence represents an organic ~~or inorganic~~ moiety;

X<sub>1</sub> independently for each occurrence represents a moiety that is capable of bonding to said non-polyolefin ~~an organic or inorganic moiety~~; and

z represents the number of linkages between the Si(R)<sub>3-z</sub> moieties, and is an integer from 1 to 3.

3. (Currently Amended) A composite article comprising a polyolefin layer, a tie-layer, and a non-polyolefin. The composite article of claim 1, wherein said tie-layer silicon modified polyolefin comprises:



wherein ~~~~ represents a polyolefin segment;

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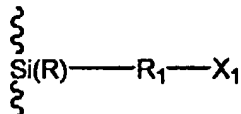
$R_1$  independently for each occurrence represents an organic ~~or inorganic moiety~~ or a bond;

$R$  independently for each occurrence represents an organic ~~or inorganic moiety~~;

$X_1$  independently for each occurrence represents a moiety that is capable of bonding to said non-polyolefin ~~an organic or inorganic moiety~~; and

$p$  is an integer from 0 to about 1000.

4. (Currently Amended) A composite article comprising a polyolefin layer, a tie-layer, and a non-polyolefin. ~~The composite article of claim 1, wherein said tie-layer silicon modified polyolefin comprises~~



wherein  $\sim$  represents a polyolefin segment;

$R_1$  independently for each occurrence represents an organic ~~or inorganic moiety~~ or a bond;

$R$  independently for each occurrence represents an organic ~~or inorganic moiety~~; and

$X_1$  independently for each occurrence represents a moiety that is capable of bonding to said non-polyolefin ~~an organic or inorganic moiety~~;

5. (Original) The composite article of claim 2, wherein for each occurrence,  $R$  is selected independently from the group consisting of H, alkyl, alkenyl, alkynyl, hydroxyl, alkoxy, halogen, aralkyl, aryl, heterocyclyl, polycyclyl, carbocycles, and heteroatoms.

6. (Original) The composite article of claim 5, wherein  $R$  is  $-O$ -alkyl or  $O$ -H.

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7. (Original) The composite article of claim 2, wherein for each occurrence,  $R_1$  and  $R_2$  are selected independently from the group consisting of alkyl, alkenyl, and alkynyl, -O-, alkoxy, aryl, heterocyclyl, polycyclyl, carbocycles, and a bond.
8. (Original) The composite article of claim 2, wherein  $R_2$  for each occurrence independently represents an acetyl moiety, alkyl ether, arylether, -O-, or a bond.
9. (Original) The composite article of claim 8, wherein R is selected independently for each occurrence from the group consisting of H, alkyl, alkenyl, alkynyl, hydroxyl, alkoxy, halogen, aralkyl, aryl, heterocyclyl, polycyclyl, carbocycles, and heteroatoms.
10. (Currently Amended) The composite article of claim 8, wherein  $R_1$  is selected independently for each occurrence from the group consisting of alkyl, alkenyl, alkynyl, and alkoxy, ~~and hydroxyl~~.
11. (Original) The composite article of claim 10, wherein z is 1.
12. (Original) The composite article of claim 10, wherein z is 2.
13. (Original) The composite article of claim 10, wherein z is 3.
14. (Canceled)
15. (Currently Amended) The composite article of claim ~~2~~ 14, wherein  $X_1$  comprises a vinyl, epoxy or amine moiety.
16. (Original) The composite article of claim 3, wherein for each occurrence, R is selected independently from the group consisting of H, alkyl, alkenyl, alkynyl, hydroxyl, alkoxy, halogen, aralkyl, aryl, heterocyclyl, polycyclyl, carbocycles, and heteroatoms.
17. (Original) The composite article of claim 16, wherein R is -O-alkyl or -O-H.

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18. (Original) The composite article of claim 3, wherein  $R_1$  is selected independently, for each occurrence, from the group consisting of alkyl, alkenyl, and alkynyl, -O-, alkoxy, aryl, heterocyclyl, polycyclyl, carbocycles, and a bond.
19. (Original) The composite article of claim 3, wherein  $X_1$  represents at least one moiety that is capable of bonding to said non-polyolefin.
20. (Original) The composite article of claim 19, wherein  $X_1$  comprises a vinyl, epoxy or amine moiety.
21. (Original) The composite article of claim 4, wherein for each occurrence,  $R_1$  is selected independently from the group consisting of alkyl, alkenyl, and alkynyl, -O-, alkoxy, aryl, heterocyclyl, polycyclyl, carbocycles, and a bond.
22. (Original) The composite article of claim 21, wherein  $X_1$  represents at least one moiety that is capable of bonding to said non-polyolefin.
23. (Original) The composite article of claim 22, wherein  $X_1$  comprises a vinyl, epoxy or amine moiety.
24. (Currently Amended) A composite tube, comprising the composite article of claim 2.
25. (Currently Amended) A composite tube that comprises a polyolefin layer, and a composite layer comprising fibers disposed in a matrix, wherein the polyolefin layer is bonded to the composite layer through a tie-layer, wherein the tie-layer comprises a silicon moiety.
- 26-28. (Canceled)